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**Cc:** Brown-Perry, Kinshasa[Brown-Perry.Kinshasa@epa.gov]; D'Andrea, Michael[DANDREA.MICHAEL@EPA.GOV]; David Sternberg[Sternberg.David@epa.gov]  
**From:** rogers, rick  
**Sent:** Thur 6/11/2015 3:54:09 PM  
**Subject:** FW: Miller Chemical Fire

FYI – here's an update from PADEP's Bureau of Water Supply. NOMA and York Water are taking steps to increase the amount of water York can push into the NOMA distribution system as well as arrangements for tankers from neighboring systems to dump water into their filtration plant to help keep their filtration system running and moving water through their distribution system.

Rick Rogers

ODWSWP, WPD

EPA Region 3 (3WP20)

215-814-5711

**From:** Daniels, Lisa [mailto:ldaniels@pa.gov]  
**Sent:** Thursday, June 11, 2015 11:43 AM  
**To:** rogers, rick; Moran, Kelly  
**Subject:** RE: Miller Chemical Fire

Unfortunately, we just received word that the emergency interconnection is not able to provide the amount of water needed. In response, NOMA is doing the following:

- With York Water, they are moving a portable pump to the interconnection to try to increase the amount of water that is transferred.
- NOMA is lowering the water level in their elevated storage tank to reduce head on the interconnection, to make it easier to pump into the NOMA system.

- NOMA is arranging for tankers to haul finished water from both Gettysburg and Hanover. Two tankers will haul from Gettysburg, one from Hanover. NOMA will deliver water to their filter plant clearwell, and will pump into distribution using existing pumps and disinfection facilities.

Lisa

**From:** rogers, rick [<mailto:rogers.rick@epa.gov>]  
**Sent:** Thursday, June 11, 2015 11:23 AM  
**To:** Daniels, Lisa; Moran, Kelly  
**Subject:** RE: Miller Chemical Fire

Thanks for the update, Lisa. Glad to hear NOMA and York were able to work a larger temporary interconnection.

Rick Rogers

ODWSWP, WPD

EPA Region 3 (3WP20)

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**From:** Daniels, Lisa [<mailto:ldaniels@pa.gov>]  
**Sent:** Thursday, June 11, 2015 11:09 AM  
**To:** Moran, Kelly  
**Cc:** rogers, rick  
**Subject:** RE: Miller Chemical Fire

Thanks, Kelly and Rick. This is still an on-going and evolving situation. Here's a quick summary to date:

**June 8<sup>th</sup> Fire at Miller Chemical and Fertilizer Plant, Adams County, PA:** A fire fully

engulfed the Miller Chemical and Fertilizer Plant early Monday morning (6/8). It was quickly determined that the runoff of the fire suppression water would impact Slagel Run and the South Branch of the Conewago Creek. SDW staff notified two PWSs with intakes on the Conewago Creek – Hanover Borough was not using their intake, New Oxford Mun Auth (NOMA) was using their intake and the decision was made to close the intake at 8:35 am. Sampling confirmed that the intake was closed in time to head-off any contamination of NOMA's water. However, NOMA's only other source of supply is a purchased interconnection with York Water which can provide up to 80% of daily demand. NOMA issued mandatory water restrictions on 6/9 and continued to use existing storage to meet demand. On 6/10, NOMA and York Water completed installation of a temporary bypass around the existing 4-inch interconnection to increase flow to 700 gpm (1.0 MGD) to continue to meet system demand. Regarding the contamination plume, it is estimated that 3.8 million gallons of water was used during the firefighting operation. The clean-up company was able to collect ~ 250,000 gallons. The remainder of the contaminated water traveled just over ½ mile through drainage swales and farm field ditches and entered or continues to enter Slagel Run. Contaminated water has also seeped into the ground around the site and along the ½ mile path and will continue to be released during rain events (although at lower concentrations) unless and until the soil can be removed/remediated. Initial sample results of the contaminated water show very high levels of TOC, nitrate, nitrite, sulfate, metals and detections of various organics and pesticides. Information is still coming in regarding the chemicals that were used/stored at the plant. The contamination plume is the likely cause of a massive fish kill on the Conewago Creek. The Conewago Creek flows into the Susquehanna River. Best estimates for Time-of-Travel (TOT) indicate that the plume may reach the Susquehanna River Friday (6/12) morning. Downstream users on the Susquehanna River have been notified of the estimated TOT to their intakes, along with recommendations to keep a close watch on raw water TOC, pH, etc.

Thanks – Lisa

**Lisa D. Daniels** | Director

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**From:** Moran, Kelly [<mailto:Moran.Kelly@epa.gov>]  
**Sent:** Thursday, June 11, 2015 8:17 AM  
**To:** Daniels, Lisa  
**Cc:** rogers, rick  
**Subject:** Miller Chemical Fire

Hi Lisa,

I just got into the office and I'm reading about the situation at the Miller Chemical Plant. Please let Rick Rogers or me know if we can be of any assistance.

Kelly

Kelly Moran

EPA Region 3

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